

DOE APPLIANCES & COMMERCIAL EQUIPMENT STANDARDS PROGRAM – RULEMAKING ACTIVITIES

(Note: Products appear more than once in this table because all required rulemaking cycles are reflected.)□

STANDARDS AND DETERMINATION NOTICES				
Schedule-Setting Sub-Group	Product Category	Product	Rulemaking Cycle and Deadline	Data Sheet Page References
Standards prescribed by EPACK 2005	HVAC Products	Package Air-Conditioning and Heating Equipment, Small (Commercial)	Due 1/1/2010 (manuf. date)	55
		Package Air-Conditioning and Heating Equipment, Large (Commercial)	Due 1/1/2010 (manuf. date)	55
		Package Air-Conditioning and Heating Equipment, Very Large (240 - 760 kBtu/hr) (Commercial)	Due 1/1/2010 (manuf. date)	55
		Unit Heaters (Commercial)	Design standard due 8/8/2008 (manuf. date)	74
	Refrigeration Products	Automatic Ice Makers (Commercial)	Due 1/1/2010 (manuf. date)	2
		Self-Contained Commercial Refrigerators, Freezers, and Refrigerator-Freezers with Doors for Holding Temperature Applications	Due 1/1/2010 (manuf. date)	68
		Self-Contained Commercial Refrigerators with Doors for Pull-Down Temperature Applications	Due 1/1/2010 (manuf. date)	62
	Lighting and Electrical Products	Ceiling Fans	Design standard due 1/1/2007 (manuf. date)	5
		Ceiling Fan Light Kits	Due 1/1/2007 (manuf. date)	5
		Compact Fluorescent Lamps, Medium Base	Design standard due 1/1/2006 (manuf. date)	*
		Distribution Transformers, Low-Voltage Dry-Type	Due 1/1/2007 (manuf. date)	26
		Fluorescent Lamp Ballasts	Due 7/1/2009 (manuf. date)	36

STANDARDS AND DETERMINATION NOTICES				
Schedule-Setting Sub-Group	Product Category	Product	Rulemaking Cycle and Deadline	Data Sheet Page References
Standards prescribed by EPACT 2005	Lighting and Electrical Products	Illuminated Exit Signs	Due 1/1/2006 (manuf. date)	48
		Mercury Vapor Lamp Ballasts	Product ban due 1/1/2008 (manuf. date)	*
		Torchieres	Due 1/1/2006 (manuf. date)	71
		Traffic Signal Modules and Pedestrian Modules	Due 1/1/2006 (manuf. date)	73
	Water-Related Products	Clothes Washers (Commercial)	Due 1/1/2007 (manuf. date)	16
		Prerinse Spray Valves (Commercial)	Due 1/1/2006 (manuf. date)	*
	Miscellaneous Consumer Appliances	Dehumidifiers (Residential)	Due 10/1/2007 (manuf. date)	21
EPACT 2005 Requires DOE to Do Standards Rulemaking	Refrigeration Products	Automatic Ice Makers (Commercial)	Rulemaking to determine possible 1st amendment due 1/1/2015	2
		Automatic Ice Makers (Commercial)	Rulemaking to determine possible 2nd amendment due 5 yrs after 1st amendment takes effect	2
		Ice-Cream Freezers; Self-Contained Commercial Refrigerators, Freezers, and Refrigerator-Freezers without Doors; and Remote-Condensing Commercial Refrigerators, Freezers and Refrigerator-Freezers	Due 1/1/2009	45
		Refrigerated Bottle or Canned Beverage Vending Machines	Due 8/8/2009	62

STANDARDS AND DETERMINATION NOTICES				
Schedule-Setting Sub-Group	Product Category	Product	Rulemaking Cycle and Deadline	Data Sheet Page References
EPACT 2005 Requires DOE to Do Standards Rulemaking	Refrigeration Products	(All Commercial) Refrigeration Products in EPACT 2005 (ice-cream freezers, self-contained without doors, remote-condensing, other - not vending machines, not icemakers)	Rulemaking to determine possible 1st amendment due 1/1/2013	45, 68
		(All Commercial) Refrigeration Products in EPACT 2005 (ice-cream freezers, self-contained without doors, remote-condensing, other - not vending machines, not icemakers)	Rulemaking to determine possible 2nd amendment due 3 yrs after determination or effective date of amended standard	45, 68
	Lighting and Electrical Products	Battery Chargers and External Power Supplies (Determination Notice)	Determination notice due 8/8/2008	3
		Ceiling Fan Light Kits	Optional requirements for ceiling fan light kits other than those with prescribed standards; Requirements due 1/1/2007 (1/1/2009 manufacture date. If DOE does not issue final rule by 1/1/2007, Congress specifies standard)	5
	Water-Related Products	Clothes Washers (Commercial)	Rulemaking to determine possible 1st amendment due 1/1/2010	16
		Clothes Washers (Commercial)	Rulemaking to determine possible 2nd amendment due 1/1/2015	16
	Miscellaneous Consumer Appliances	Dehumidifiers (Residential)	Rulemaking to determine possible amendment due 10/1/2009. EPACT 2005 specifies standard if no amendment effective by 2012.	21

STANDARDS AND DETERMINATION NOTICES				
Schedule-Setting Sub-Group	Product Category	Product	Rulemaking Cycle and Deadline	Data Sheet Page References
EPACT 2005 Standards with No Deadline	HVAC Products	Furnace Fans	Authority to incorporate furnace fans into existing rulemaking or have separate rulemaking	39
		Combination Appliances (Residential)	Authority to set >1 standard for products with >1 major function	17
	Refrigeration Products	Automatic Ice Makers, Other Types (Commercial)	Optional standard with no deadline	2
		Automatic Ice Makers, Other Types (Commercial)	Rulemaking to determine possible 1st amendment due 5 yrs after optional initial rulemaking takes effect	2
		Automatic Ice Makers, Other Types (Commercial)	Rulemaking to determine possible 2nd amendment due 5 yrs after 1st amendment takes effect	2
		Commercial Refrigerators, Freezers, and Refrigerator-Freezers, Other Types	Optional standard with no deadline	**
	Lighting and Electrical Products	Battery Chargers and External Power Supplies	DOE will develop if determination notice is positive, which is due 8/8/2008. No deadline is required for the final standard.	3
		Ceiling Fans (other than design standard)	Optional standard with no deadline	5
		Ceiling Fan Light Kits	Amendment possible after 1/1/2010	5
	Backlog	HVAC Products	Air Conditioners and Heat Pumps less than 65 kBtu/hr, 3-Phase (Commercial)	Revision; DOE must revise after ASHRAE revises Standard 90.1, which happened in 10/1999. No specific legal deadline

STANDARDS AND DETERMINATION NOTICES				
Schedule-Setting Sub-Group	Product Category	Product	Rulemaking Cycle and Deadline	Data Sheet Page References
Backlog	HVAC Products	Central Air Conditioners and Heat Pumps (Residential)	Rulemaking to determine possible amendment; 2nd standard revision due 1/1/2001	9
		Direct Heating Equipment	Rulemaking to determine possible 1st amendment due 1/1/1992	22
		Direct Heating Equipment	Rulemaking to determine possible 2nd amendment due 1/1/2000	22
		Furnaces and Boilers (Residential)	Rulemaking to determine possible 1st amendment due 1/1/1994 (Revision of small furnaces due 1/1994; 1st revision of mobile home furnaces due 1/1992)	38
		Oil- and Gas-Fired Packaged Boilers (Commercial)	Revision; DOE must revise after ASHRAE revises Standard 90.1, which happened in 10/1999. No specific legal deadline	53
		Packaged Terminal Air Conditioners and Heat Pumps (Commercial)	Revision; DOE must revise after ASHRAE revises Standard 90.1, which happened in 10/1999. No specific legal deadline	57
		Pool Heaters	Rulemaking to determine possible 1st amendment due 1/1/1992	58
		Pool Heaters	Rulemaking to determine possible 2nd amendment due 1/1/2000	58
		Room Air Conditioners	Rulemaking to determine possible amendment; 2nd update due 9/24/2002	66

STANDARDS AND DETERMINATION NOTICES				
Schedule-Setting Sub-Group	Product Category	Product	Rulemaking Cycle and Deadline	Data Sheet Page References
Backlog	HVAC Products	Tankless Gas-Fired Instantaneous Water Heaters	Revision; DOE must revise after ASHRAE revises Standard 90.1, which happened in 10/1999. No specific legal deadline	70
		Water Heaters (Residential)	Rulemaking to determine possible amendment; 2nd update due 1/1/2000	78
	Lighting and Electrical Products	Distribution Transformers, MV Dry-Type and Liquid-Immersed	Rulemaking due 18 months after test procedure final rule, which was due 4/24/1995, but is not final	26
		Electric Motors, 1-200 HP	Rulemaking to determine possible 1st amendment due 10/24/1999 or 10/24/2001 depending on motor	28
		Electric Motors, Small (Determination Notice)	Determination notice due 4/24/1995	30
		Fluorescent Lamps	Rulemaking to determine possible 1st amendment due 4/1997	34
		Fluorescent Lamps	Rulemaking to determine possible 2nd amendment due 4/1/2002	34
		Fluorescent Lamp Ballasts	Rulemaking to determine possible 2nd amendment due 5 yrs from previous rule, effectively 9/2005	36
		High-Intensity Discharge Lamps (Determination Notice)	Determination notice due 4/24/1995	43
		Incandescent General Service Lamps	Due 3.5 years after FTC rule issued, implying 11/1997.	49
		Incandescent General Service Lamps	Rulemaking to determine possible 1st amendment due 4/1/2002	49

STANDARDS AND DETERMINATION NOTICES				
Schedule-Setting Sub-Group	Product Category	Product	Rulemaking Cycle and Deadline	Data Sheet Page References
Backlog	Lighting and Electrical Products	Incandescent Reflector Lamps	Rulemaking to determine possible 1st amendment due 4/1997	51
		Incandescent Reflector Lamps	Rulemaking to determine possible 2nd amendment due 4/1/2002	51
	Water-Related Products	Dishwashers (Residential)	Due 5 yrs after previous final rule, implying 5/1996 due date	24
	Miscellaneous Consumer Appliances	Clothes Dryers (Residential)	Due 5 yrs after previous final rule, implying 5/1996 due date	12
		Ranges and Ovens and Microwave Ovens (Electric and Gas)	Rulemaking to determine possible 1st amendment due 1/1/1992. Gas cooking products not addressed in final rule completed 9/1998.	60
		Ranges and Ovens and Microwave Ovens (Electric and Gas)	Rulemaking to determine possible 2nd amendment due 1/1/1997	60
Other	HVAC Products	Furnaces and Boilers (Residential)	Rulemaking to determine possible 2nd amendment due 1/1/2007 (2nd revision of mobile home furnaces due 1/1994)	38
		Furnaces, Warm Air (Commercial)	Revision; DOE must revise after ASHRAE revises Standard 90.1. No specific legal deadline	41
		Single Package Vertical Air-Conditioners and Heat Pumps	DOE plans to carve out a separate standard and test procedures for this product; DOE must revise after ASHRAE revises Standard 90.1, which happened in 10/1999. No specific legal deadline	69

STANDARDS AND DETERMINATION NOTICES				
Schedule-Setting Sub-Group	Product Category	Product	Rulemaking Cycle and Deadline	Data Sheet Page References
Other	HVAC Products	Water-Cooled Air Conditioners and Water-Source Heat Pumps (Commercial)	Revision; DOE must revise after ASHRAE revises Standard 90.1 again. No specific legal deadline	75
		Water Heaters (Commercial)	Revision; DOE must revise after ASHRAE revises Standard 90.1. No specific legal deadline	76
	Lighting and Electrical Products	Electric Motors, 1-200 HP	Rulemaking to determine possible 2nd amendment, due 2 yrs after 1st amendment takes effect.	28
		Electric Motors, Small	Rulemaking due 18 months after test procedure final rule, which was due 4/24/1995, only if determination is positive.	30
		High-Intensity Discharge Lamps	Rulemaking due 18 months after test procedure final rule, which was due 4/24/1995, only if determination is positive.	43
	Water-Related Products	Faucets, Showerheads, Urinals and Toilets	Revision; Due 12 months after ANSI/ASME amends standards, or, if after 5 years of no ANSI/ASME action, DOE should waive state preemption authority in states where state regulations are more strict.	32

* Data sheet not available. Standard (or ban in the case of mercury vapor lamp ballasts) prescribed by EPACT 2005.

** Data sheet not available. Rulemaking for “other types” of commercial refrigeration products is optional per EPACT 2005.

TEST PROCEDURES				
Schedule-Setting Sub-Group	Product Category	Product	Rulemaking Cycle and Deadline	Data Sheet Page References
Test Procedures Prescribed by EPACT 2005	HVAC Products	Package Air-Conditioning and Heating Equipment, Small (Commercial)		56
		Package Air-Conditioning and Heating Equipment, Large (Commercial)		56
		Package Air-Conditioning and Heating Equipment (240 - 760 kBtu/hr), Very Large (Commercial)		56
	Refrigeration Products	Automatic Ice Makers (Commercial)		2
		Commercial Refrigerators, Freezers, and Refrigerator-Freezers with Doors covered by CEC in Feb. 2002		68
		Commercial Refrigerators, Freezers, and Refrigerator-Freezers	Revision; If ASHRAE 117 is updated or ANSI adopts something other than 117, DOE must review and amend test procedure within 180 days.	68
		Refrigerated Bottle or Canned Beverage Vending Machines	Due 8/8/2007	62
		Self-Contained Commercial Refrigerators with Doors for Pull-Down Temperature Applications		62
		Self-Contained Commercial Refrigerators, Freezers, and Refrigerator-Freezers with Doors		68
		Lighting and Electrical Products	Ceiling Fans	
	Ceiling Fan Light Kits			5

TEST PROCEDURES				
Schedule-Setting Sub-Group	Product Category	Product	Rulemaking Cycle and Deadline	Data Sheet Page References
Test Procedures Prescribed by EPACK 2005	Lighting and Electrical Products	Compact Fluorescent Lamps, Medium Base		***
		Distribution Transformers, Low-Voltage Dry-Type		27
		Illuminated Exit Signs		48
		Traffic Signal Modules and Pedestrian Modules		73
	Water-Related Products	Clothes Washers (Commercial)		16
		Prerinse Spray Valves (Commercial)		***
	Miscellaneous Consumer Appliances	Dehumidifiers (Residential)		21
EPACT 2005 Requires DOE to Develop Test Procedure	Refrigeration Products	Ice-Cream Freezers; Self-Contained Commercial Refrigerators, Freezers, and Refrigerator-Freezers without Doors; and Remote-Condensing Commercial Refrigerators, Freezers and Refrigerator-Freezers	Standard due 1/1/2009 (effective 1/1/2012), no legal deadline	45
		Commercial Refrigerators, Freezers, and Refrigerator-Freezers, Other Types	Optional standard with no deadline	**
	Lighting and Electrical Products	Battery Chargers / External Power Supplies	Due 2/8/2007	4
		Torchieres	Not explicitly required by EPACT 2005. Standard effective 1/1/2006.	72

TEST PROCEDURES				
Schedule-Setting Sub-Group	Product Category	Product	Rulemaking Cycle and Deadline	Data Sheet Page References
Backlog	Lighting and Electrical Products	Distribution Transformers, MV Dry-Type and Liquid-Immersed	Necessary before standards NOPR; Technically due 4/24/1995	27
		Electric Motors, Small	Necessary before standards NOPR if positive determination; Technically due 4/24/1995	31
		High-Intensity Discharge Lamps	Necessary before standards NOPR if positive determination; Technically due 4/24/1995	44
Other	HVAC Products	Air Conditioners and Heat Pump less than 65 kBtu/hr, 3-phase (Commercial)	Revision; DOE must issue ruling if industry test procedures change. No specific legal deadline.	1, 56
		Central Air Conditioners and Heat Pumps (Residential)	No deadline	10
		Combination Appliances (Residential)	No deadline	20
		Direct Heating Equipment		23
		Furnaces and Boilers (Residential)		38
		Furnaces, Warm Air (Commercial)	Revision; DOE must issue ruling if industry test procedures change. No specific legal deadline.	42
		Oil- and Gas-Fired Packaged Boilers (Commercial)	Revision; DOE must issue ruling if industry test procedures change. No specific legal deadline.	54
		Packaged Terminal Air Conditioners and Heat Pumps (Commercial)	Revision; DOE must issue ruling if industry test procedures change. No specific legal deadline.	#

TEST PROCEDURES				
Schedule-Setting Sub-Group	Product Category	Product	Rulemaking Cycle and Deadline	Data Sheet Page References
Other	HVAC Products	Pool Heaters		59
		Room Air Conditioners		67
		Single Package Vertical Air-Conditioners and Heat Pumps	DOE plans to carve out separate test procedure for this product; DOE must revise after ASHRAE revises Standard 90.1, which happened in 10/1999. No specific legal deadline	56, 69
		Tankless Gas-Fired Instantaneous Water Heaters	Revision; DOE must issue ruling if industry test procedures change. No specific legal deadline.	#
		Water-Cooled Air Conditioners and Water-Source Heat Pumps (Commercial)	Revision; DOE must issue ruling if industry test procedures change. No specific legal deadline.	56
		Water Heaters (Commercial)	Revision; DOE must issue ruling if industry test procedures change. No specific legal deadline.	77
		Water Heaters (Residential)		79
	Refrigeration Products	Compact Refrigerators and Refrigerator-Freezers (Residential)	No deadline	65
		Refrigerators, Refrigerator-Freezers, & Freezers (Residential)		65
	Lighting and Electrical Products	Electric Motors, 1-200 HP		29
		Fluorescent Lamps		35

TEST PROCEDURES				
Schedule-Setting Sub-Group	Product Category	Product	Rulemaking Cycle and Deadline	Data Sheet Page References
Other	Lighting and Electrical Products	Fluorescent Lamp Ballasts		37
		Incandescent General Service Lamps		50
		Incandescent Reflector Lamps		52
	Water-Related Products	Clothes Washers (Residential)	Test cloth issue	15
		Dishwashers (Residential)		25
		Faucets, Showerheads, Urinals and Toilets		33
	Miscellaneous Consumer Appliances	Clothes Dryers (Residential)		13
		Ranges and Ovens and Microwave Ovens (Electric and Gas)		61

** Data sheet not available. Rulemaking for “other types” of commercial refrigeration products is optional per EPACT 2005.

*** Data sheet not available. Test procedure prescribed by EPACT 2005.

Data sheet not available. No test procedure change needed unless industry test procedure changes.

COVERAGE		
Products	Notes	Data Sheet Page References
Certain Incandescent Reflector Lamps (ER/BR)	Coverage not required	11

PETITIONS		
Product	Notes	Data Sheet Page References
Clothes Washers (Residential)	Standard COMPLETED; State of California petitioning for exemption	14
Refrigerators, Refrigerator-Freezers, & Freezers (Residential)		64

ADDITIONAL NOTE
DOE is also initiating an Anti-circumvention Rulemaking